CLAIMS

1. A computerized method to recover session information and data after a change in the system the method comprising:

connecting a persistent data object to a first persistent data control object;

transacting data in a data area in response to a request by the persistent data object, wherein the first persistent data control object controls the transaction of the data in the data area;

replicating the data area in at least one alternate persistent data control objects; and

connecting the persistent data object to an alternate persistent data control object upon notification of the change in the system, wherein the alternate persistent data control object obtains control of the transaction of the data in the data area upon the change in the system.

2. The method of claim 1, wherein the system comprises an Application comprised of objects, a System Registry, and a Messaging Scheme.

3. The method of claim 1 wherein the change in the system comprises a failure of the first persistent data control object.

4. The method of claim 1 additionally comprising creating a data area in response to a request by the persistent data object, wherein the first persistent data control object controls the creation of the data area.

5. The method of claim 1 additionally comprising connecting the persistent data object to a second persistent data control object.

6. The method of claim 1 additionally comprising storing the data area in a media device.

7. The method of claim 6, wherein the media device is chosen from the list consisting of a memory, hard disc drive, and a networked media device.

8. The method of claim 1, wherein session information is stored in the first persistent data control object and replicated in alternate persistent data control objects.

9. The method of claim 1 additionally comprising replicating the data area in a plurality of alternate persistent data control objects.

10. The method of claim 1, wherein the connecting the persistent data object to an alternate persistent data control object additionally comprises negotiating the alternate persistent data control object.

11. The method of claim 10, wherein the negotiating the alternate persistent data control object comprises using a name-based negotiating method.

12. The method of claim 2, additionally comprising the persistent data object communicating with the first persistent data control object and the alternate persistent data control object through the Messaging Scheme.

13. The method of claim 2, wherein the Messaging Scheme determines the change in the system and notifies the persistent data object.

14. The method of claim 1, wherein the change in the system additionally comprises adding an additional alternate data control object.

15. The method of claim 13, wherein the additional alternate data control object is used for end of day archiving of the data area.

16. The method of claim 2 additionally comprising the determining the change in the system by sending a message to the first persistent data control object to determine the current state of the first persistent data control object.

17. The method of claim 1, wherein the connection of the persistent data object to the alternate persistent data control object is done transparently to a user.

18. The method of claim 2, additionally comprising registering the persistent data control objects with the System Registry, and finding the first persistent data control object by querying the System Registry.

19. The method of claim 1, additionally comprising requesting a transaction of data in the data area by a user, wherein the user sends the request to the persistent data object.

20. The method of claim 19, wherein the user is selected from the list consisting of a person, a program, a person using a program, a program using a program, and expanding levels of programs using programs.

21. A computerized method to recover session information and data after a change in the system, wherein the system comprises an Application comprised of objects, a System Registry, and a Messaging Scheme and the change in the system comprises a failure of the first persistent data control object, the method comprising:

connecting a persistent data object to a first persistent data control object;

creating a data area in response to a request by the persistent data object, wherein the first persistent data control object controls the creation of the data area;

transacting data in a data area in response to a request by the persistent data object, wherein the first persistent data control object controls the transaction of the data in the data area;

replicating the data area in at least one alternate persistent data control objects;

determining the change in the system by sending a message to the first persistent data control object to determine the current state of the first persistent data control object;

connecting the persistent data object to an alternate persistent data control object upon notification of the change in the system, wherein the alternate persistent data

control object obtains control of the transaction of the data in the data area upon the change in the system; and

connecting the persistent data object to the second persistent data control object.

22. A computer system for recovering session information and data after a change in the system, the method comprising:

a computer, wherein the computer comprises a memory and a processor; and

executable software residing in the computer memory wherein the software is operative with the processor to:

connect a persistent data object to a first persistent data control object;

transact data in a data area in response to a request by the persistent data object, wherein the first persistent data control object controls the transaction of the data in the data area;

replicate the data area in at least one alternate persistent data control objects; and

connect the persistent data object to an alternate persistent data control object upon notification of the change in the system, wherein the alternate persistent data control object obtains control of the transaction of the data in the data area upon the change in the system.

23. A computer data signal embodied in a digital data stream for recovering session information and data after a change in the system, wherein the computer data signal is generated by a method comprising the steps of:

connecting a persistent data object to a first persistent data control object;

transacting data in a data area in response to a request by the persistent data object, wherein the first persistent data control object controls the transaction of the data in the data area;

replicating the data area in at least one alternate persistent data control objects; and

connecting the persistent data object to an alternate persistent data control object upon notification of the change in the system, wherein the alternate persistent data control object obtains control of the transaction of the data in the data area upon the change in the system.